Sponsor: Epigenomics AG PMA: P130001

Molecular and Clinical Genetics Panel Meeting Medical Devices Advisory Committee

March 26, 2014



Introduction and Device Description

Thomas Taapken, PhD

CEO, Epigenomics

Epi proColon®: First of a Kind Blood Screening Test for Colorectal Cancer



Agenda and Presenters

Introduction and Device Description

Thomas Taapken, PhD CEO, Epigenomics

Colorectal Cancer Screening Medical Need

David Johnson, MD
Professor of Internal Medicine and
Chief of Division of Gastroenterology
Eastern Virginia Medical School

Analytical Validation Pivotal Clinical Trial

Nicholas Potter, PhD, FACMG
Chief Scientific Officer
Molecular Pathology Laboratory Network (MPLN)

Non-inferiority Trial Epi proColon® vs OC FIT-CHEK®

David Johnson, MD

Labeling Post-approval Study

Thomas Taapken, PhD

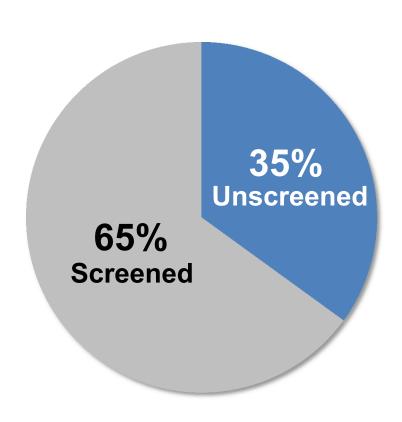
Risk-benefit Analysis Closing Remarks

David Johnson, MD

Today's Focus: Epi proColon

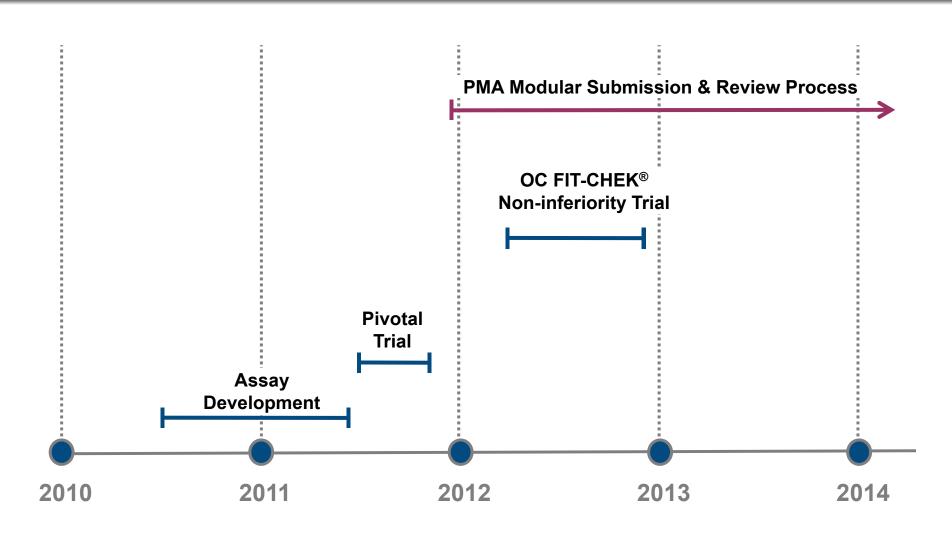
Device	Blood-based colorectal cancer screening test
Use in practice	Make screening available to average risk patients who do not utilize current standard of care screening methods
Benefit once implemented	Increased detection of CRC when used appropriately with colonoscopy
	Additional choice for healthcare providers to help increase CRC screening participation

Colorectal Cancer Screening: Underutilized

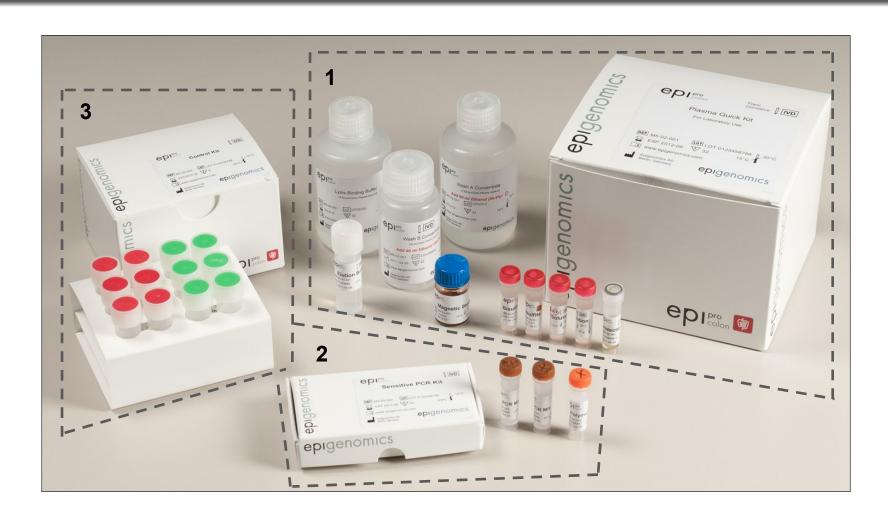


- Participation rates are low
- No screening = No detection

Development and Regulatory Timeline



Epi proColon: Device Description



Epi proColon: Methylated Septin9 Biomarker

- DNA methylation:
 - Important role in colorectal cancer
 - No sequence change cytosine modification
- Discovered by genome-wide screening
- Hypermethylated in >90% of CRC tissues
- Detectable in human plasma
- Best diagnostic accuracy among all markers tested
- Evaluated in >5,000 case/control patient samples

Epi proColon: Methylated Septin9 Biomarker

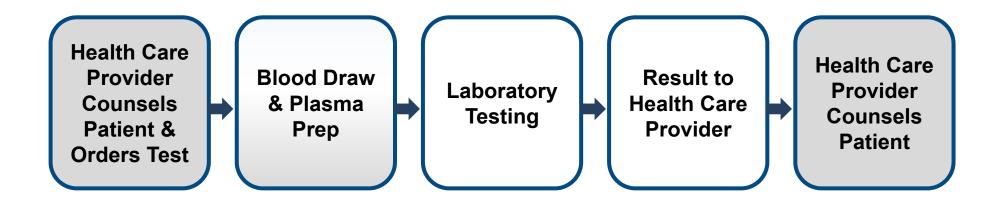
- Septins
 - GTP binding proteins
 - Role in: vesicle trafficking, apoptosis, cytoskeletal remodeling and cell division
- Septin9 gene
 - Complex, multiple transcripts and splice variants
 - Marker sequence: gamma promoter v2 transcript

Two Clinical Trials

First Prospective, Multicenter Pivotal Trial

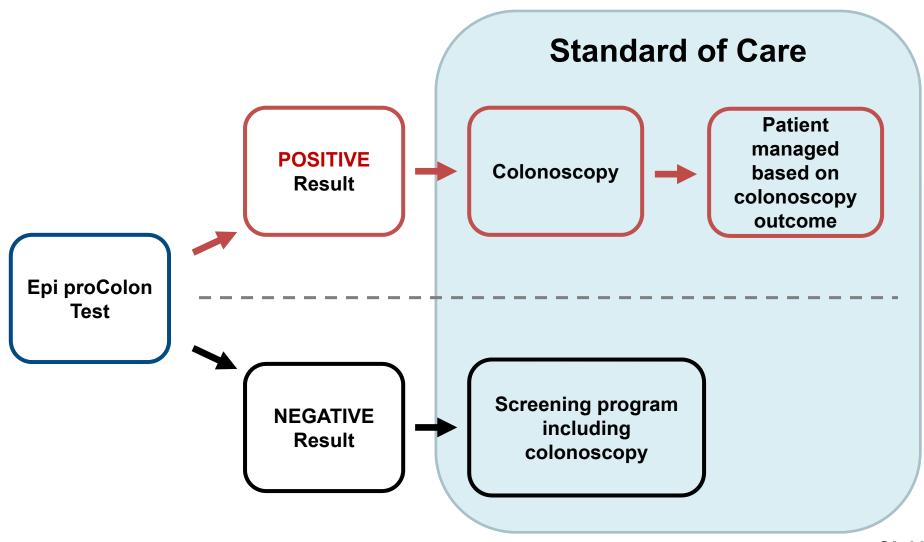
Second Prospective, Multicenter OC FIT-CHEK®
Non-inferiority Comparison Trial

Epi proColon Patient Management



Entire Process under Professional Management

Epi proColon Patient Management



Proposed Intended Use

Intended Use excerpt:

"....The test is indicated to **screen** patients for **colorectal cancer** who are defined as **average risk** for colorectal cancer (CRC) by current CRC screening guidelines. Patients with a positive Epi proColon test result should be **referred for diagnostic colonoscopy**.

Men and women 50 to 85 years of age were included in the Epi proColon clinical trial. The Epi proColon test results, together with the physician's assessment of history, other risk factors, and professional guidelines, may be used to guide patient management. ..."

Proposed Warnings excerpt:

"...Epi proColon test is **not intended to replace** colorectal screening by **colonoscopy**..."

Discussion Points

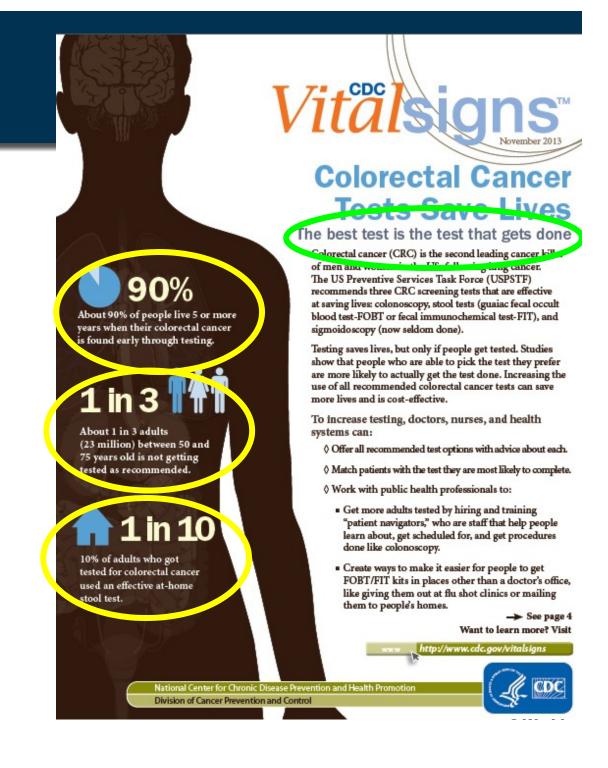
- The ability of a simple blood-based PCR test to identify a treatable disease
- Medical need and impact of the blood-based Epi proColon test for CRC screening
- Two major prospective clinical trials providing evidence for the safety and effectiveness of Epi proColon
- Recommendations for use of the test to complement current screening practice

Colorectal Cancer Screening and Medical Need

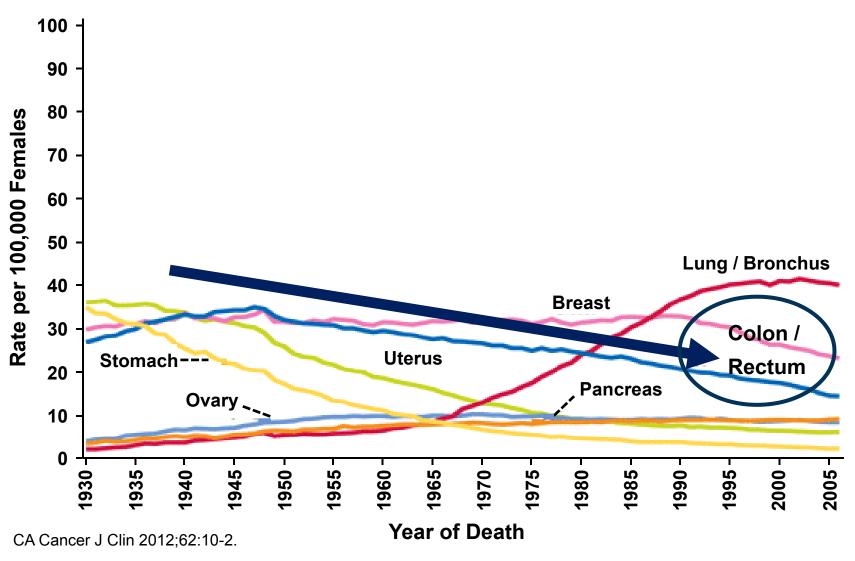
David Johnson, MD MACG FASGE FACP

Professor of Internal Medicine Chief of Division of Gastroenterology Eastern Virginia Medical School Norfolk VA

CRC Screening



U.S. Cancer Statistics 2012

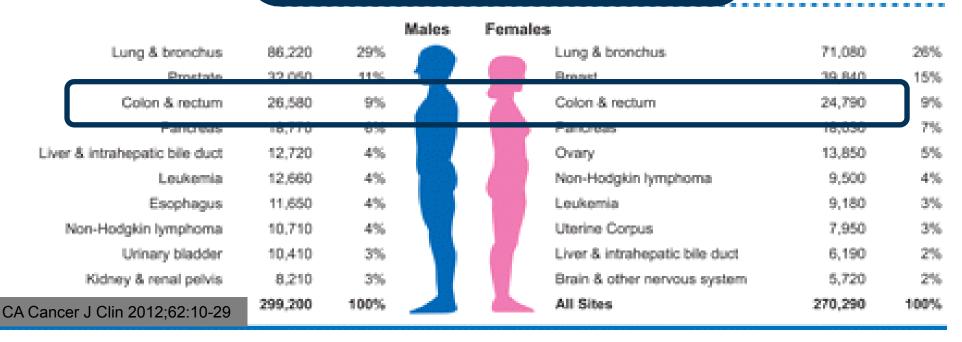


Estimated

U.S. Cancer Statistics 2012

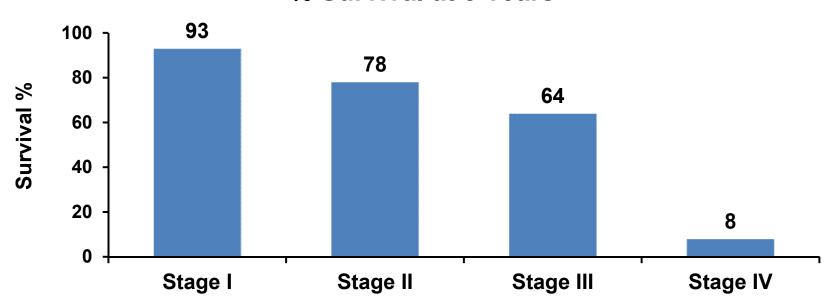
new Cases			Males	Female	s		
Prostate	217,730	28%			Breast	207,090	28%
Lung & bosneture	446,760	6886	484	4000	Lung & beanshus	105,770	14%
Colon & rectum	72,090	9%		X	Colon & rectum	70,480	10%
Officery Disober	32,700	7.70	1000		Gierine corpus	40,410	6%
Melanoma of the skin	38,870	5%			Thyroid	33,930	5%
Non-Hodgkin lymphoma	35.380	4%	1000		Non-Hodokin lymohoma	30,160	4%
Kidney & renal pelvis						29,260	4%
Oral cavity & pharynx		20)12 E	stima	ates	22,870	3%
Leukemia						21,880	3%
Pancreas	CRO	? Ne	w C	ases	: 142,570	21,770	3%
All Sites				acco,	. 112,010	739,940	100%
	CDO		eaths	. =	51,370		
Estimated Deaths	CRU		zau 15	•	31,370		

Estimated Deaths



Colorectal Cancer: Treatable Disease





- Treatable disease if detected early
- Late stage therapies improving

Colon Cancer Survival Rates with the New American Joint Committee on Cancer Sixth Edition Staging." J Nat Can Institute 2004 96:1420-1425.

CRC Screening Methods

- Fecal Blood Test
 - -Fecal occult blood (FOBT)
 - -Immunochemical FOBT (FIT)
- Stool DNA
- Colonoscopy
- Flexible Sigmoidoscopy
- CT Colonography
- Barium Enema

Most Common CRC Screening Methods

- Fecal Occult Blood Test (FOBT / FIT)
- Colonoscopy

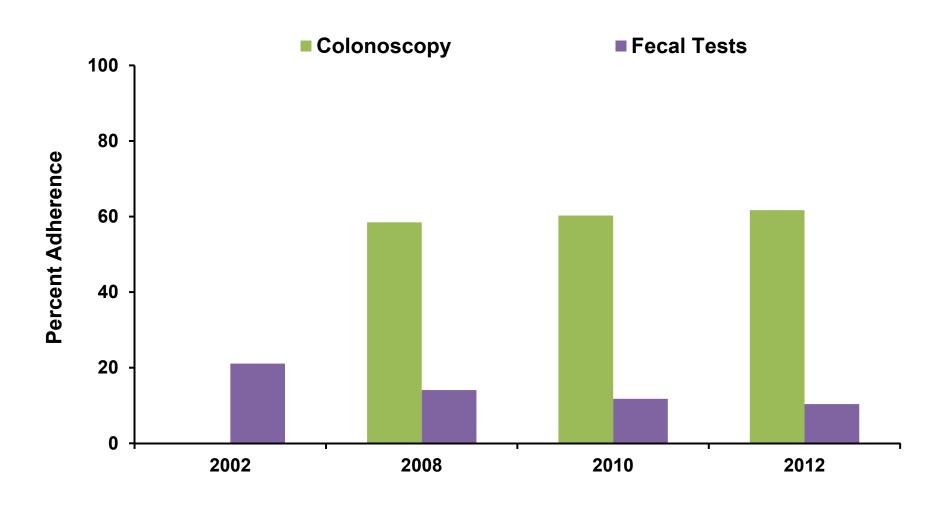
Reference standard other methods measured Standard of care for screening

Colon Cancer Screening Guidelines

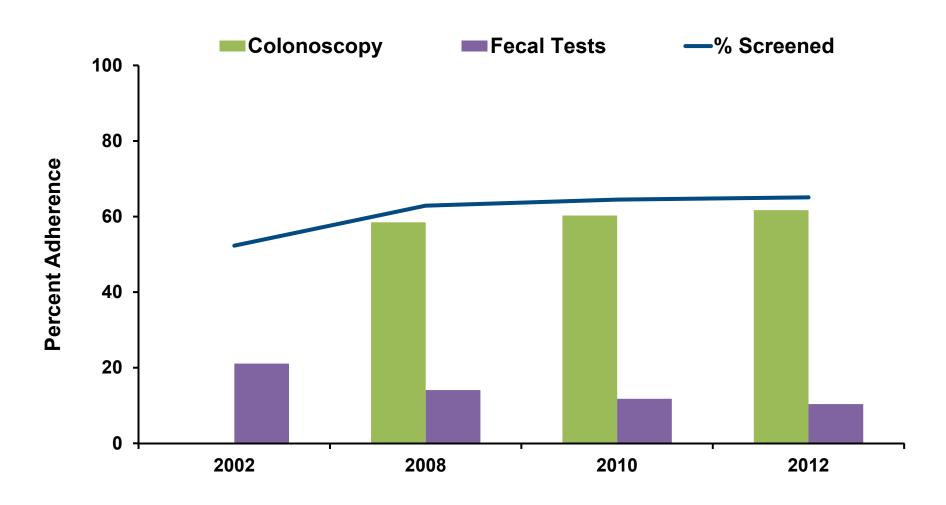
Testing Method	American Cancer Society / Multi Society Task Force Age 50 and older	United States Preventive Services Task Force, Ages 50-75
FOBT	Yearly	Yearly
FIT	Yearly	Yearly
Stool DNA	Interval Uncertain	Not Recommended
Sigmoidoscopy	Every 5 Years	Every 5 years
Colonoscopy	Every 10 Years	Every 10 Years
CT Colonography	Every 10 Years	Not Recommended

Guidelines recommend colonoscopy as preferred option

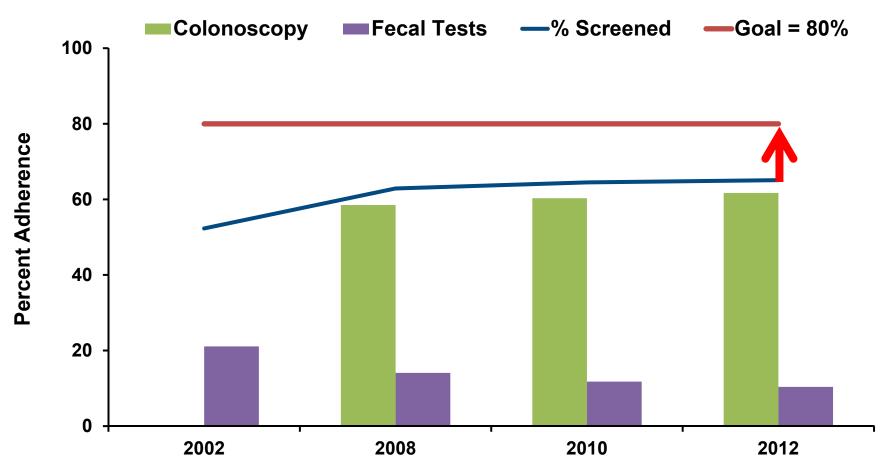
CRC Screening Rates Remain Sub-Optimal



CRC Screening: Rates Remain Sub-Optimal



CRC Screening: Rates Remain Sub-Optimal



American Cancer Society Strategic Progress Report, 2013; CDC, 2014; Healthy People.gov; CDC BRFSS, 2008-2013. Vital Signs: Colorectal Cancer Screening BRFSS Documents 2013, 2012, 2011, 2010

CRC Screening: Closing the Gap and Saving Lives

- Survival requires detection
- Detection requires participation
- Pathways to participation

CRC Screening: Improving Screening Participation

Choice* Increases participation

Preference Adding tests that people are willing to do

Innovation Providing tests to reach the unscreened

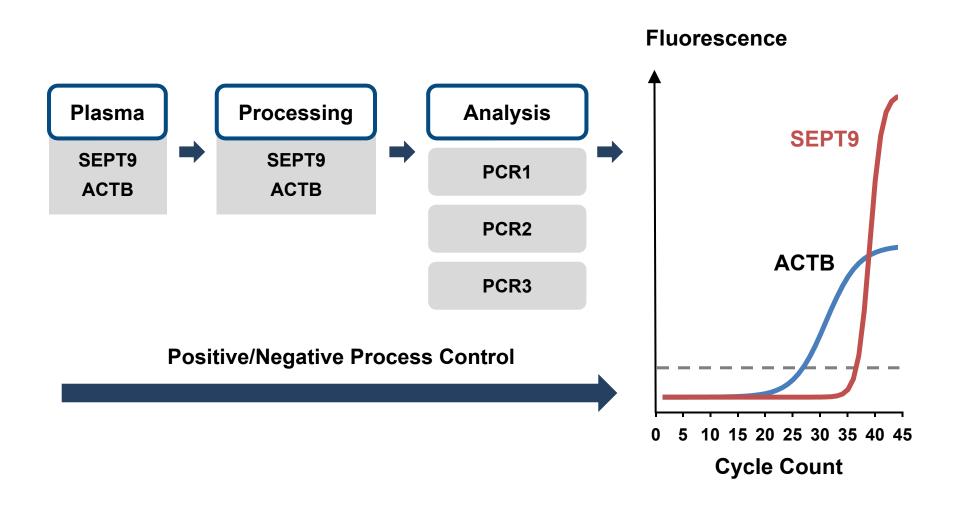
Closing the screening gap!

Analytical Validation

Nicholas Potter, PhD, FACMG

Chief Scientific Officer
Molecular Pathology Laboratory Network (MPLN)

Epi proColon: Laboratory Integration and Workflow



Analytical Validation

- Analytical Sensitivity / Limit of Detection (LoD)
 - 95% LoD = 4.7 pg/mL (CI 2.5-9.0)
 - One genome equivalent per mL
- Precision and Reproducibility
 - 11 CRC pools: 98% replicates tested positive
 - 3 healthy pools: 75% replicates tested negative
- Analytical Specificity / Cross Reactivity
 - In silico analysis: no cross reactivity
 - Sequencing: Epi proColon detects only methylated Septin9 target

Analytical Validation

- Interfering Substances
 - No interference 10 common substances
 - False positive results reported at intentionally elevated concentrations of sperm DNA, albumin and red blood cells
- Robustness
 - 20 failure modes: assay performed correctly or controls indicated failure
 - Blood handling: no significant effects on test results for all testing conditions

Epi proColon is a robust test that generates accurate results

Pivotal Clinical Trial

Nicholas Potter, PhD, FACMG

Pivotal Trial: Objectives/Design

Objectives	Primary: Detection of CRC by Epi proColon, compared to detection of CRC by colonoscopy, followed by histological confirmation Secondary: Evaluate test positivity in clinically defined subgroups
Design	Multicenter prospective clinical specimen collection; blinded multicenter testing in three independent laboratories
Subjects	Archived specimens from PRESEPT trial
Goals	Target sensitivity: 65% Target specificity: 85%
Analysis	Comparison of point estimates of clinical performance to target values

Pivotal Trial: Clinical Subgroup Definitions

CRC	Colorectal cancers, confirmed by colonoscopy / pathology (stages I-IV)
AA	Advanced adenomas: adenomatous polyp(s) ≥10 mm and adenomas with villous component or high grade dysplasia (HGD)
SP	Small polyps: non-advanced adenoma and polyps < 10mm, no villous component or HGD
NED	No evidence of disease: no evidence of any above

Pivotal Trial: Archived Plasma from PRESEPT

PRESEPT Trial Sample Collection (NCT00855348):

- 7941 enrolled in clinical trial
- 32 clinical sites: 22 US, 10 Germany
- 6857 plasma samples from trial subjects available for pivotal trial
- Colonoscopy was the reference standard

Pivotal Trial: Archived Plasma from PRESEPT

Inclusion Criteria:

- ≥ Age 50, screening guideline-eligible, at colonoscopy
- First colonoscopy in lifetime

Capable of:

- Informed consent process
- Providing health history
- Blood draw prior to start of bowel prep for colonoscopy

Pivotal Trial: Archived Plasma from PRESEPT

Exclusion Criteria

- Bleeding
- Hematochezia, or known iron deficiency anemia
- Previous history of polyps or CRC
- High risk for CRC
 - Two or more, 1° relatives with CRC
 - One or more, 1° relative(s) <50 years with CRC
 - Known hereditary nonpolyposis colorectal cancer (HNPCC) or familial adenomatous polyposis (FAP)

Pivotal Trial: PRESEPT Demographics

Demographic Factor	Value	PRESEPT Sample Collection
O a va al a va	Male	45%
Gender	Female	55%
	50-59	46%
Age	60–69	42%
	>69	12%
	Caucasian	85%
Race/Ethnicity	African-American	10%
	Others	5%
0	U.S.A	75%
Country	Germany	25%

Pivotal Trial: Plasma Samples Available

Subjects	CRC	AA	SP	NED	Total
Enrolled in PRESEPT	-	-	-	-	7941
Available for pivotal trial	50	653	2369	3785	6857

- Main reasons for subjects unavailable for pivotal trial
 - Failed inclusion/exclusion criteria
 - Incomplete data (colonoscopy)
 - Insufficient sample amount

Pivotal Trial: Trial Design

CRC	Tested all samples
AA	Tested all samples
NED and SP	Subset testing

Pivotal Trial: NED and SP Subsets

- Highly precise specificity estimate (95% CI ±2%)
- Sampling Method: computer-generated stratified random sampling
- Sampling Criteria:
 - Age profile to match US Census data
 - Equal gender representation
 - Representation of ethnic minorities to allow for subgroup analysis

Pivotal Trial: Tested Samples

Subjects	CRC	AA	SP	NED	Total
Enrolled in PRESEPT	-	-	-	-	7941
Available for pivotal trial	50	653	2369	3785	6857
Pivotal trial samples	50	650	454	469	1623

Pivotal Trial: Testing

- Samples randomized and identities masked
- Tested in 3 independent US laboratories
- Testing completed and final results reported by all sites prior to analysis
- Unmasking, analysis and reporting by Epigenomics as per clinical trial protocol

Pivotal Trial: Valid Results

Subjects	CRC	AA	SP	NED	Total
Enrolled in PRESEPT	-	-	-	-	7941
Available for pivotal trial	50	653	2369	3785	6857
Pivotal trial samples	50	650	454	469	1623
Valid results	44	621	435	444	1544

Pivotal Trial Results: Sensitivity and Specificity

Parameter	% Point Estimate (CI 95%)	N/Total
Sensitivity (CRC)	68.2% (53.4 – 80.0%)	30/44
Observed specificity (Non-CRC)	78.8% (76.7 – 80.8%)	1182/1500

Pivotal Trial Results: Sensitivity and Specificity

Parameter	% Point Estimate (CI 95%)	N/Total
Sensitivity (CRC)	68.2% (53.4 – 80.0%)	30/44
Observed specificity (Non-CRC)	78.8% (76.7 – 80.8%)	1182/1500
Specificity adjusted to US census population	79.1% (77.0 – 81.4%)	N/A
Specificity adjusted to PRESEPT patient cohort	80.0% (77.9 – 82.1%)	N/A

Pivotal Trial: Sensitivity

- Sensitivity target of 65% met (68%)
 - Sensitivity endpoint selected based on results with Septin9 prototype tests
 - Lower bound of CI <65%
 - Primary objective was formulated as a point estimate criterion
 - Internal risk-benefit analysis with input from external medical advisors:
 - Blood test with demonstrated performance justifies decision to proceed because of potential to increase participation in CRC screening

Pivotal Trial: Specificity

- Specificity target of 85% not met (80%)
 - Specificity endpoint selected based on results with Septin9 prototype tests
 - Internal risk-benefit analysis with input from external medical advisors:
 - Blood test with demonstrated performance justifies decision to proceed because of potential to increase participation in CRC screening and direct patients to guideline recommended screening (colonoscopy)
 - No safety concerns raised

Pivotal Trial: Secondary Objective Test Positivity in Non-CRC Subjects

Clinical Group	Point Estimate (CI 95%)	N/Total
No Evidence of Disease (NED)	21.8% (18.3 – 25.9%)	97/444
Small Polyps (SP)	20.0% (16.5 – 24.0%)	87/435
Advanced Adenomas (AA)	21.6% (18.5 – 25.0%)	134/621
Total Non-CRC	21.2% (19.2 – 23.3%)	318/1500

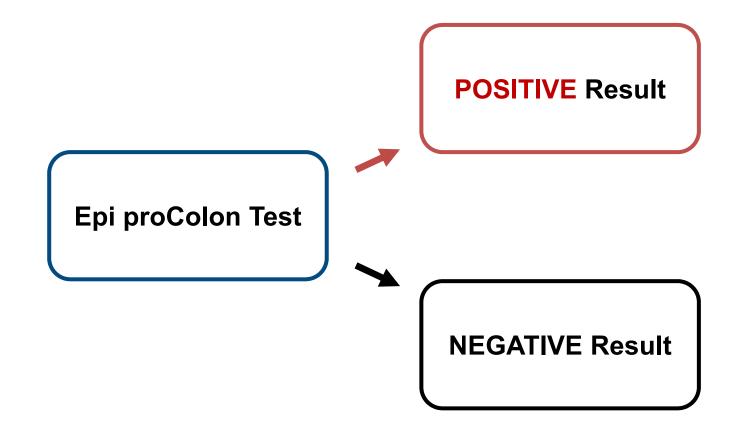
Pivotal Trial: Additional Analysis Test Positivity by Cancer Stage

CRC Stage	% Point Estimate (CI 95%)	N/Total
Stage I	41% (22 – 64%)	7/17
Stage II	83% (55 – 95%)	10/12
Stage III	80% (49 – 94%)	8/10
Stage IV	100% (57 – 100%)	5/5
Total Cancers	68% (53 – 80%)	30/44

Pivotal Trial: Additional Analysis Test Positivity by CRC Location

Location	% Point Estimate (CI 95%)	N/Total
Proximal Colon	70% (52 – 83%)	21/30
Distal Colon	64% (39 – 84%)	9/14

Pivotal Trial: Medical Perspective



Pivotal Trial: Diagnostic Likelihood Ratios

Epi proColon Test Result	Parameter	Point Estimate (95% CI)
Positive	Positive Diagnostic Likelihood Ratio (pDLR)	3.41 (2.72 – 4.27)
Negative	Negative Diagnostic Likelihood Ratio (nDLR)	0.40 (0.26 – 0.61)

pDLR = sensitivity / (1 - specificity) nDLR = (1 - sensitivity) / specificity

- If Epi proColon positive, patient is 3.4 times more likely to have colorectal cancer
- If Epi proColon negative, patient is 2.5 (=1/0.4) times less likely to have colorectal cancer

Performance Measures in Age Subgroups

Age Group	Sensitivity	Specificity	pDLR	nDLR
49-59	0.75	0.84	4.58	0.3
60-69	0.67	0.76	2.83	0.44
>69	0.69	0.74	2.63	0.42

- Decreasing specificity with age
- Patients over age 69:
 - Epi proColon positive, patient 2.6 x more likely to have CRC
 - Epi proColon negative, patient 2.4 (=1/0.42) x less likely to have CRC

Performance Measures in Ethnic Subgroups

Ethnic Group	Sensitivity	Specificity	pDLR	nDLR
African-American	0.67	0.73	2.46	0.46
Caucasian	0.69	0.80	3.42	0.39
Other	0.5	0.82	2.76	0.61

- Reduced specificity in African Americans
- In African American subgroup:
 - Epi proColon positive, patient 2.5 x more likely to have CRC
 - Epi proColon negative, patient 2.2 (=1/0.46) x less likely to have CRC

Pivotal Trial: Summary and Conclusion

Sensitivity: 68% (95% CI 53 – 80%)

■ **Specificity:** 80% (95% CI 78 – 82%)

- No significant detection in AA, SP
 - Epi proColon not designed for adenoma detection
- Detects CRC at all stages
 - Combined sensitivity for treatable CRC stages I-III was 64.1%
- Equal detection in proximal / distal colon
- CRC detection not influenced by ethnicity or age
- False positive rate increased with increasing age and in African American subjects
- Based on DLRs, Epi proColon provides valuable information for patient of all subgroups analyzed

Non-inferiority Trial Epi proColon[®] vs OC FIT-CHEK[®]

David Johnson, MD MACG FASGE FACP

Professor of Internal Medicine Chief of Gastroenterology Eastern Virginia Medical School Norfolk VA

Non-inferiority Trial: Epi proColon vs OC FIT-CHEK

- Rationale: support the data from pivotal trial
- Compare performance with FIT
 - Guideline recommended CRC screening method
- Selected OC FIT-CHEK
 - A top performing most widely used commercial FIT

Non-inferiority Trial: Objectives/Design

Objective	Demonstration of non-inferiority of clinical performance of Epi proColon to OC FIT-CHEK
Design	Multicenter, prospective comparison of Epi proColon and OC FIT-CHEK to colonoscopy as a reference standard
Subjects	100 screen-detected CRC patients 200 average risk, screening eligible subjects
Goals	Non-inferiority for sensitivity, specificity Margins: 10% for sensitivity, 20% for specificity
Analysis	Two-sided 95% CI for sensitivity, specificity differences compared to non-inferiority margins

Non-inferiority Trial: Study Design

- 61 US clinical sites
- Group A: Post-screening colonoscopy
 - Detected by screening colonoscopy
 - High suspicion of or has CRC
 - Blood and stool collected > 9 days post colonoscopy
- Group B: Before screening colonoscopy, prospective
 - Blood and stool collected prior to bowel preparation

Blinded, independent laboratory testing

Non-inferiority Trial: Inclusion and Exclusion

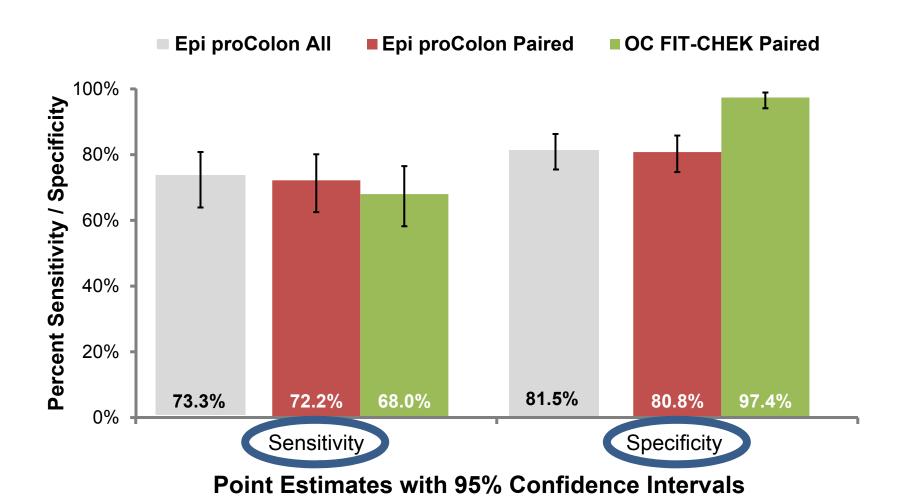
- Criteria similar to Pivotal Trial
- Group A specific additional requirement:
 - Colonoscopic diagnosis or
 - Strong clinical suspicion of colorectal carcinoma (CRC)
 - Confirmed CRC diagnosis post-surgery
 - Complete pathology report

Non-inferiority Trial: Subjects Tested

- 290 subjects with paired plasma and stool specimens
- 11 additional subjects plasma only
- Demographics balanced across age, gender, ethnicity

Clinical Group	Value	Plasma Samples	Stool Samples
Cancer	CRC	101	97
	AA	29	27
Non Cancer	SP	77	75
	NED	94	91
Total		301	290

Non-Inferiority Trial: Primary Endpoint Results



Interpretation of Primary Study Objectives

- Sensitivity: Non-inferiority Objective Met
 - Point estimate of -4.2% for difference in sensitivity within predetermined non inferiority margin of 10%
 - Upper bound of CI of 8.1% inside of 10% margin
- Specificity: Non-inferiority Objective <u>Not</u> Met
 - Point estimate of 16.6% for difference in specificity within predetermined non inferiority margin of 20%
 - Upper bound of CI of 22.9% outside of 20% margin

Non-inferiority Trial: Diagnostic Likelihood Ratios

Parameter	Epi proColon*	OC FIT-CHEK*
Positive DLR	3.96 (2.89-5.42)	26.26 (10.94-63.05)
Negative DLR	0.33 (0.24-0.46)	0.33 (0.24-0.44)

^{*}Estimate (95% CI)

Non-inferiority Trial: CRC Matched Sample Results

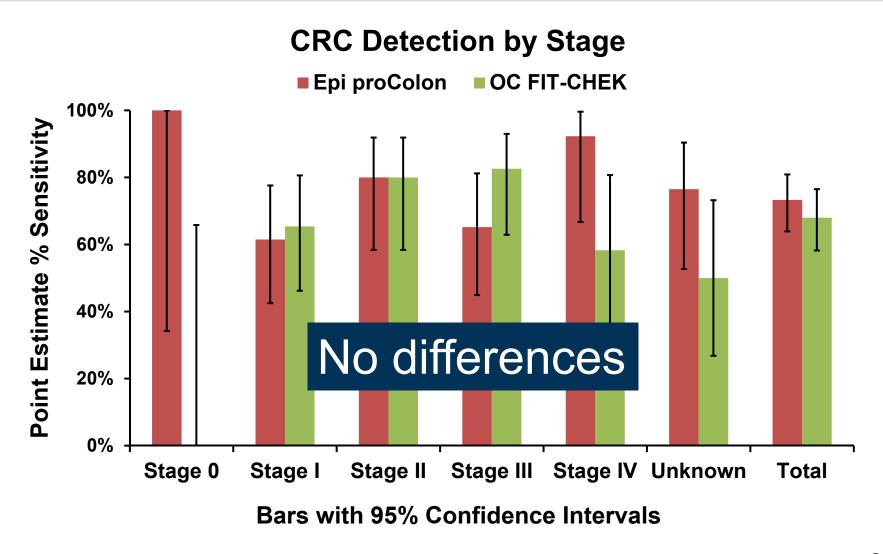
	Epi proColon Positive	Epi proColon Negative
OC FIT-CHEK Positive	50	16
OC FIT-CHEK Negative	20	11

Non-inferiority Trial: Sensitivity by Tumor Location

	Epi proColon		OC FIT-CHEK	
Location	Point Estimate (95% CI)	N / Total	Point Estimate (95% CI)	N / Total
Proximal Colon	73.1% (59.7 – 83.2%)	38 / 52	70.6% (57.0 – 81.3%)	36 / 51
Distal Colon	75.0% (58.9 – 86.2%)	27 / 36	69.4% (55.1 – 82.0%)	25 / 36

No differences

Non-inferiority Trial: Sensitivity by Tumor Stage



Non-inferiority Trial: Summary and Conclusions

Epi proColon:

- Sensitivity statistically non-inferior to OC FIT-CHEK
- Specificity not statistically non-inferior to OC FIT-CHEK
- Clinical performance consistent with pivotal trial results
 - Sensitivity: 73.3% vs 68.2% (pivotal trial)
 - Specificity: 81.5% vs 80.0% (pivotal trial)

Non-Inferiority Trial: Summary and Conclusions

Both tests:

- Performed equally well to confirm absence of CRC
 - Based on nDLR = 0.33
- Identified similar numbers of CRC patients
 - Though not necessarily the same individuals
- Consideration of joint testing with OC FIT-CHEK
 - Defer to screening guidelines
- Comparable CRC detection at all stages
- Showed equivalent sensitivity for CRC detection
 - Proximal/distal colon

Labeling

Thomas Taapken, PhD

CEO, Epigenomics

Labeling: Intended Use

Key Intended Use Statements	Rationale		
Screening patients at average risk for colorectal cancer	Public Health Issue – 35% of US population not screened		
	Blood test can increase screening participation		
	Evidence supports proposed intended use		
A positive test result should be referred for diagnostic colonoscopy	Screening test is not diagnostic		
	Requires confirmation by standard of care method, colonoscopy		
Test result is used in conjunction with physician's assessment of patient history and other risk factors	Patient management should be by health care providers		
	All results should be interpreted in the context of patient history		

Labeling: Warnings

Key Warnings Statements	Rationale	
Not intended to replace colorectal cancer screening by colonoscopy	As per screening guidelines, colonoscopy remains the standard of care	
	Colonoscopy is the initial required step in treatment	
Positive results are not confirmatory evidence for the presence of colorectal cancer	Data demonstrates need for follow-up diagnostic colonoscopy	
Negative results do not guarantee absence of cancer and patients with a negative result counseled to continue in screening programs	Epi proColon is not positive in all patients with CRC	
	CRCs may develop during any screening program interval	

Labeling: Limitations

Key Limitations Statements	Rationale
Alternative for patients who are defined as average risk for colorectal cancer by current screening guidelines, and who are unwilling, unable or do not undergo screening by other recommended screening methods	To limit use of the test to the non-adherent population To prevent test use in already compliant population
There is insufficient evidence to report programmatic sensitivity of the Epi proColon test over an established period of time	Data is not available at this time

Supporting Documentation

• In addition to the Intended Use Statement, Warnings and Limitations, Epigenomics has developed a comprehensive set of materials for health care professionals, laboratories and patients to insure appropriate use of the product according to its instructions for use

Post-Approval Study

Post-Approval Study: Overview

- Epigenomics has considered a clinical study designed to obtain programmatic performance data in the intended use population
- General study design and objectives have been discussed with FDA:
 - 3 annual test cycles and 2 additional years of follow-up
 - Diagnostic yield
 - Test positivity, PPV
 - Programmatic sensitivity, NPV
 - Compliance to screening with Epi proColon
 - Adherence to diagnostic follow-up after positive Epi proColon
- Detailed protocol to be developed with FDA

Risk-Benefit Analysis

David Johnson MD MACG FASGE FACP

Professor of Internal Medicine

Chief of Gastroenterology

Eastern Virginia Medical School

Norfolk VA

Risk-Benefit: Potential Risks

- Off-label use
- Minimal procedural risk
- False negative result
- False positive result

Risk-Benefit: False Negative Result

100,000 subjects 0.7% Prevalence	700 CRC cases		99,300 Non-CRC cases			
	True Positive	False Negative	False Positive	True Negative	Missed Cancer	Colonoscopy
No Screening	NA	NA	NA	NA	700	0
Colonoscopy	700	0	0	99,300	0	100,000
Epi proColon	505	195	19,037	80,263	195	19,542
OC FIT-CHEK	476	224	2,573	96,727	224	3,049

Risk-Benefit: False Negative Result

Patient with CRC undetected

Missed Cancers

- Compared with colonoscopy
 - Non-invasive tests have elevated risk
- Epi proColon compared with OC FIT-CHEK
 - Equivalent nDLR = 0.33
- Relative to OC FIT-CHEK
 - No elevated risk related to negative test result

Risk-Benefit: False Positive Result

- Positive Epi proColon CRC negative colonoscopy
- Subsequent colonoscopy due to false positive result
 - Risk of colonoscopy adverse events
 - not attributable to false positive Epi proColon results
 - Large majority of colonoscopy serious adverse events
 - are related to clinically indicated interventions
 - Patients referred to standard of care
 - under colonoscopist's direction

Risk-Benefit: Overview Epi proColon for CRC Screening

- First effective blood test
- Manageable risks
- May increase screening participation
- Blood testing is routine

80% = ACS goal 2018

Additional non-invasive test choice

Closing the GAP!

Sponsor: Epigenomics AG PMA: P130001

Molecular and Clinical Genetics Panel Meeting Medical Devices Advisory Committee

March 26, 2014



Q&A Responders

Presenters			
Moderator	Dr. Thomas Taapken, CEO, Epigenomics		
Clinical Practice and Non-inferiority Trial	Dr. David Johnson, MD. Professor of Internal Medicine and Chief of Division of Gastroenterology, Eastern Virginia Medical School		
Analytics and Pivotal Trial	Dr. Nicholas Potter, Ph.D, FACMG, Chief Scientific Officer, Molecular Pathology Laboratory Network (MPLN)		
Additional Experts			
Clinical Data, Biostatistics	Dr. Gunter Weiss, VP Product Development. Epigenomics		
Assay Development, Biology	Dr. Uwe Staub, COO, Responsible for R&D, Manufacturing, Quality. Epigenomics		